

The Spider Fauna of Geojedo Island, Korea

Joo-Pil Kim

(Dongguk University and the Arachnological Institute of Korea)

ABSTRACT

To clarify the spider fauna of Geojedo Island, a field survey was conducted in August, 1997. As a result, 92 species belonging to 56 genera of 20 families were collected. Identified spider are composed of 6.60% Palaeartic, 7.70% Holarctic, 2.20% Oriental, 3.30% cosmopolitan species. Spiders of Theridiidae, Araneidae and Salticidae were dominant, 82 (90.1%) and 75 species (82.4%) of spiders were found in common with Japan, China, respectively. Faunal similarities between Geojedo Island and Deogjeog Archipelago, Chejudo Island, Ulleungdo Island, Chindo Island, Paiklyeongdo Island and Kogeumdo Island are discussed.

Key words: spider fauna, Geojedo Island, Korea

INTRODUCTION

Geojedo Island is the second largest island in Korea. It is located in latitude 34°40' 06"–35°02' 06" and in longitude 128°45' 10". The area of this Island is 403 km² with 22 km width and 39 km length. Its average annual mean of air temperature and rainfall are 15.8°C, 1223.7 mm respectively. The flora of this island consists of 499 species in which 95 species (19%) are the components of the temperate zone. The spider faunas of other islands in Korea were already investigated at Deogjeog Archipelago (Namkung *et al.*, 1985), Chejudo (Kim and Lee, 1985), Ulleongdo (Namkung, 1985; Paik and Kang, 1988; Paik, 1995), Chindo (Kim, 1995), Paiklyeongdo (Kim, 1996) and Kogeumdo (Kim, 1997). Specially, Paik (1970) recorded that the spider fauna of Geojedo Island was composed of 83 species belonging to 57 genera of 18 families. In this paper faunal similarities of spiders between Geojedo Island other islands were shown.

MATERIALS AND METHOD

To clarify the spider fauna of this island, spiders were collected at the 11 sites (Guchun, Gargog, Garasan, Gairyungsan, Guchungaikok, Hakdong, Guyong, Jangmok, Jangseongpo, Sungpo, Geojedaegyo) during five days of August, 1997 by Dongguk University Spider Team (DUST, Fig.1). Sampling was carried out by means of visual search and capture, sweeping net method, beating-sheet method and pitfall trapping. All materials were preserved in 80% ethyl alcohol and identified under the stereoscopic microscope in steeping condition. To analyze faunal similarities with other islands in

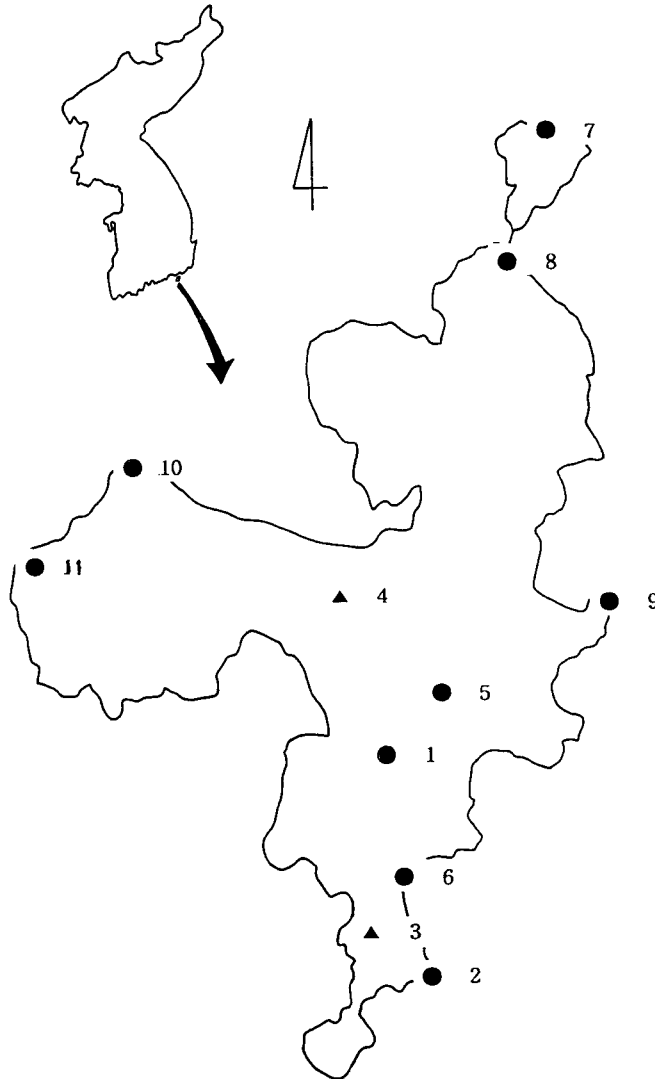


Fig. 1. Sampling localities in Geojedo Island. 1, Guchun; 2, Gargog; 3, Garasan; 4, Gairyungsan; 5, Guchungaikok; 6, Hakdong; 7, Guyong; 8, Jangmok; 9, Jangseongpo; 10, Sungpo, Chunggukri; 11, Geojedaegyo.

Korea, Nomura-Simpson's Coefficient was used as follows: NSC (Nomura Simpson's Coefficient) = c/b , $a > b$ ($0 \leq \text{NSC} \leq 1$), which a and b are the total number of species collected in each area and c being the common species in these two areas.

RESULT

As a consequence of this survey, 92 species in 56 genera and 20 families were identified (Table 1, 2). The results are shown in a check-list. Among discovered spiders, 6.60% are Palaearctic, 7.70% Holarctic, 2.20% Oriental and 3.30% cosmopolitan species. In this paper, *Neoscona adianta* is splitted into *N. adianta* and *N. doenitzi*.

Table 1. Number of species, genera and families in six islands of Korea.

Islands	Family	Genus	Species
Deogjeog Archipelago	23	85	152
Chejudo	29	95	180
Ulleungdo	26	98	196
Chindo	13	38	61
Paiklyeongdo	18	36	54
Gogeumdo	17	44	82
Geojedo	20	56	92

Table 2. Number of common species and faunal similarities (in parentheses) among six islands.

	Ge	Che	De	Ul	Ch	Pa
Che	39(0.41)					
De	37(0.43)	31(0.20)				
Ul	49(0.53)	83(0.46)	76(0.50)			
Ch	38(0.62)	29(0.48)	31(0.51)	38(0.62)		
Pa	28(0.52)	19(0.35)	37(0.69)	32(0.59)	19(0.35)	
Ko	34(0.41)	28(0.34)	31(0.38)	31(0.54)	28(0.46)	22(0.41)

(Abbreviation: Chejudo, Che; Deogjeong Archipelago, De; Ulleungdo, U.; Chindo, Ch; Paiklyeongdo, Pa; Gogeumdo, Ko; Geojedo, Ge)

Family Titanoecidae Lehtinen, 1967

Genus *Nurscia* Simon, 1874

***Nurscia albofaciata* (Strand, 1907)**

Materials examined. Gargog (3 ♂ ♀).

Family Dictynidae O. P.-Cambridge, 1871

Genus *Dictyna* Sundevall, 1833

Dictynidae sp.

Materials examined. Guyong (1y♀), Geojedaegyo (3♀♀).

Family Uloboridae Thorell, 1869

Genus *Miagrammopes* O.P. Cambridge, 1870

Miagrammopes sp.

Materials examined. Jangmok (1y♀).

Family Segestriidae Simon

Genus *Ariadna* Savigny et Audouin, 1825

Ariadna insulicola Yaginuma, 1967

Materials examined. Hakdong (1y♀).

Family Pholcidae C. L. Koch, 1851

Genus *Pholcus* Walckenaer, 1805

Pholcus sp.

Materials examined. Gargog (1♀), Hakdong (4y♀♀, 6♀♀, 2♂♂), Guyong (1♀).

Family Theridiidae (Sundevall, 1833)

Genus *Achaearanea* Strand, 1929

Achaearanea angulithorax (Boesenberg et Strand, 1906)

Materials examined. Guchungaikok (1y♀, 2♀♀).

A. culicivora (Boesenberg et Strand, 1906)

Materials examined. Guyong (1y♀).

A. japonica (Boesenberg et Strand, 1906)

Materials examined. Gairyungsan (1♀), Guchungaikok (1y♀, 6♀♀), Hakdong (1♀), Guyong (4♀♀), Jangmok (2y♀♀), Sungpo, Chunggukri (1♀).

A. kompirensis (Boesenberg et Strand, 1906)

Materials examined. Gairyungsan (1♀).

A. tabulata Levi, 1980

Materials examined. Garasan (1y♀, 1♀).

A. tepidariorum (C.L. Koch, 1841)

Materials examined. Guchun (11♀♀, 1♂, Gargog (21y♀♀, 41♀♀, 1y♂, 4♂♂), Garasan (4y♀♀, 4♀♀, 1♂), Gairyungsan (6y♀♀, 21♀♀, 2♂♂), Guchungaikok (1♀), Hakdong (6♀♀, 2♂♂), Guyong (7y♀♀, 26♀♀, 1y♂, 5♂♂), Jangmok (4y♀♀, 15♀♀, 1♂), Jangseongpo (14♀♀, 2♂♂), Sungpo, Chunggukri (2y♀♀, 3♀♀, 1♂), Gejeidaikyo (1y♀, 3♀♀).

Genus *Anelosimus* Simon, 1891

Anelosimus crassipes (Boesenberg et Strand, 1906)

Materials examined. Gargog (1y♀, 1♀), Guyong (7y♀♀, 1♀).

Genus *Argyrodes* Simon, 1864

***Argyrodes cylindrogaster* (Simon, 1888)**

Materials examined. Guchungaikok (2y ♀ ♀), Guyong (2y ♀ ♀).

Genus *Dipoena* Thorell, 1869

***Dipoena flavomarginata* Boesenberg et Strand, 1906**

Materials examined. Gairyungsan (1y ♀), Guchungaikok (2y ♀ ♀, 2 ♀ ♀, 3 ♂ ♂).

***D. mustelina* (Simon, 1888)**

Materials examined. Gairyungsan (1 ♂).

Genus *Episinus* Walckenaer 1809

***Episinus nubinus* Yaginuma, 1960**

Materials examined. Guyong (2 ♂ ♂).

Genus *Steatoda* Sundevall, 1883

***Steatoda cavernicola* (Boesenberg et Strand, 1906)**

Materials examined. Gargog (1 ♀).

Genus *Theridion* Walckenaer, 1805

***Theridion pinastri* L. Koch, 1872**

Materials examined. Guyong (1 ♀).

***T. sternotatum* Boesenberg et Strand, 1906**

Materials examined. Guyong (2 ♀ ♀).

Family Linyphiidae Blackwall, 1859

Subfamily Linyphiinae (Simon, 1894)

Linyphiidae sp.

Materials examined. Guyong (1 ♀).

Genus *Nerine* Blackwell, 1833

***Nerine japonica* (Oi, 1960)**

Materials examined. Guyong (2 ♀ ♀).

***N. nigripectoris* (Oi, 1960)**

Materials examined. Hakdong (2 ♀ ♀).

Subfamily Erigoninae Emerton, 1882

Genus *Erigone* Audouin, 1826

***Erigone prominens* Boesenberg et Strand, 1906**

Materials examined. Guyong (1 ♀).

Genus *Gonatium* Menge, 1868

***Gonatium japonicum* Simon, 1894**

Materials examined. Guyong (1 ♀).

Family Araneidae Dahl, 1912

Genus *Araneus* Clerck, 1758

***Araneus. cornutus* (Clerck, 1758)**

Materials examined. Gairyungsan (9y ♂ ♂, 5y ♀ ♀), Guchungaikok (2y ♀ ♀, 7 ♀ ♀), Guyong (8y ♀ ♀, 6 ♀ ♀, ♂), Sungpo, Chunggukri (5y ♀ ♀, 4 ♀ ♀), Geojedaegyo (1 ♀).

***A. ejusmodi* Boesenberg et Strand, 1906**

Materials examined. Gairyungsan (1y ♀).

***A. ventricosus* (L. Koch, 1878)**

Materials examined. Guchun (4y ♀ ♀, 2 ♀ ♀), Gargog (1 ♀), Gairyungsan (1 ♀), Guchungaikok (6y ♀ ♀, 3 ♀ ♀), Guyong (3y ♀ ♀, 1 ♀, 1 ♂), Jangmok (2y ♀ ♀).

Genus *Araniella* Chamberin et Ivie, 1942

***Araniella hexamaculata* Kim et Kim, 1997**

Materials examined. Gairyungsan (1 ♀), Hakdong (5 ♀ ♀).

Genus *Argiope* Audouin, 1827

***Argiope amoena* L. Koch, 1878**

Materials examined. Guchun (1 ♀).

***A. brunichii* (Scopoli, 1772)**

Materials examined. Guchun (6 ♀ ♀, 3 ♂ ♂), Gargog (1 ♀), Garasan (25 ♀ ♀, 4y ♂ ♂, 10 ♂ ♂), Gairyungsan (18y ♀ ♀, 3 ♀ ♀, 2y ♂ ♂, 4 ♂ ♂), Guchungaikok (5 ♀ ♀), Guyong (2y ♀ ♀, 6 ♀ ♀, 1 ♂, Jangmok (2y ♀ ♀, 2 ♀ ♀).

***A. minuta* Karsch, 1879**

Materials examined. Gargog (1 ♀), Garasan (4 ♀ ♀), Guyong (6 ♀ ♀), Jangmok (1y ♀, 1 ♀), Sungpo, Chunggukr (1 ♀).

Genus *Cyclosa* Menge, 1866

***Cyclosa ginnaga* Yaginuma, 1959**

Materials examined. Gargog (8 ♀ ♀), Garasan (1y ♀, 1 ♀), Guchungaikok (1y ♀), Guyong (1 ♀).

***C. octotuberculata* Karsch, 1879**

Materials examined. Guyong (1y ♀).

***C. sedeculata* Karsch, 1879**

Materials examined. Gairyungsan (1 ♀).

Genus *Cyrtarachne* Thorell, 1868

***Cyrtarachne bufo* (Boesenberg et Strand, 1906)**

Materials examined. Guyong (1 ♀).

C. inaequalis Thorell, 1895

Materials examined. Hakdong (2 ♀ ♀).

Genus *Larinia* Simon, 1874

Larinia argiopiformis Boesenberg et Strand, 1906

Materials examined. Guyong (1y ♀, 12y ♀ ♀, 1 ♀).

Genus *Neoscona* Simon, 1864

Neoscona adiantum (Walckenaer, 1802)

Materials examined. Gairyungsan (1y ♀, 14y ♀ ♀, 4y ♂ ♂), Guchungaikok (2y ♀ ♀, 1y ♂), Guyong (10y ♀ ♀, 5y ♀ ♀, 5 ♀ ♀, 6 ♂ ♂), Sungpo, Chunggukri (1y ♀).

Neoscona mellottei (Boesenberg et Strand, 1906)

Materials examined. Gargog (3 ♀ ♀), Guchungaikok (1 ♀), Guyong (4 ♀ ♀).

N. nautica (L. Koch, 1875)

Materials examined. Guchun (2 ♀ ♀), Gairyungsan (1y, 3 ♀ ♀) Guchungaikok (3 ♀ ♀), Hakdong (y), Guyong (4y ♀ ♀, 15 ♀ ♀), Jangmok (7 ♀ ♀), Jangseongpo (4 ♀ ♀), Sungpo, Chunggukri (1 ♀), Geojedaegyo (1y ♀, 1 ♀).

N. punctigera (Doleschall, 1857)

Materials examined. Guyong (2 ♀ ♀).

N. scylla (Karsch, 1879)

Materials examined. Guyong (27 ♀ ♀), Jangmok (5y ♀ ♀, 4 ♀ ♀).

N. scylloides (Boesenberg et Strand, 1906)

Materials examined. Gairyungsan (2 ♀ ♀), Hakdong (1 ♂), Guyong (19 ♀ ♀).

N. subpullata (Boesenberg et Strand, 1906)

Materials examined. Guyong (2 ♀ ♀).

Genus *Yaginumia* Archer, 1960

Yaginumia sia (Strand, 1906)

Materials examined. Gairyungsan (1y ♀), Guchungaikok (38y ♀ ♀, 12y ♂ ♂, 12 ♀ ♀), Jangmok (1y ♀), Sungpo, Chunggukri (1 ♂), Geojedaegyo (4y ♀ ♀).

Family Tetragnathidae Menge, 1866

Genus *Leucauge* White, 1841

Leucauge blanda (L. Koch, 1878)

Materials examined. Gargog (1y ♀), Garasan (1y ♀, 1y ♂), Guyong (4 ♀ ♀).

L. subgemmea Boesenberg et Strand, 1906

Materials examined. Jangmok (1y ♀).

Genus *Nephila* Leach, 1815

Nephila clavata L. Koch, 1878

Materials examined. Guchun (6y ♀ ♀), Gargog (1y ♀), Garasan (25y ♀ ♀), Gairyungsan (3y ♀, 1 ♂), Guchungaikok (7y ♀ ♀), Hakdong (3y ♀ ♀), Guyong (6y ♀ ♀, 9y ♀ ♀, 10 ♀ ♀, 1 ♂), Jangmok

(2y ♀ ♀, 4y).

Genus *Tetragnatha* Latreille, 1804

***Tetragnatha extensa* (Linneus, 1758)**

Materials examined. Guchun (3 ♂ ♂).

***T. pinicola pinicola* L. Koch, 1870**

Materials examined. Gairyungsan (1 ♂), Guyong (1 ♀).

***T. praedonia* L. Koch, 1878**

Materials examined. Guchun (8 ♀ ♀), Gairyungsan (11y ♀ ♀, 7 ♀ ♀, 1y ♂ ♂, 2 ♂ ♂), Guyong (4 ♀ ♀, 5y ♀ ♀).

***T. squamata* Karsch, 1879**

Materials examined. Gairyungsan (2y ♀ ♀), Guyong (4y ♀ ♀).

Family Agelenidae C. L. Koch, 1937

Genus *Agelena* Walckenaer, 1805

***Agelena limbata* Thorell, 1897**

Materials examined. Guchun (1 ♀), Garasan (1 ♀), Guchungaikok (1y ♀), Guyong (2y ♀ ♀, 3 ♀ ♀, 1y ♂, 1 ♂), Jangmok (4y ♀ ♀, 2 ♀ ♀, 3y ♂ ♂), Jangseongpo (1 ♀), Sungpo, Chunggukri (1 ♀, 1 ♂).

***A. opulenta* L. Koch, 1878**

Materials examined. Sungpo, Chunggukri (3y ♀ ♀).

Genus *Coelotes* Blackwal, 1841

***C. songminjae* Paik et Yaginuma, 1969**

Materials examined. Gargog (6y ♀ ♀), Guyong (5y ♀ ♀).

Family Desidae Pocock, 1895

Genus *Paratheuma* Bryant, 1940

***Paratheuma shirahamensis* (Oi, 1960)**

Materials examined. Guyong (1 ♀).

Family Pisauridae Simon, 1980

Genus *Dolomedes* Latreille, 1804

***Dolomedes sulfureus* L. Koch, 1978**

Materials examined. Gairyungsan (7y ♀ ♀, 1 ♀), Hakdong (1y ♂), Guyong (9y ♂ ♂).

Genus *Pisaura* Simon, 1885

***Pisaura ancora* Paik, 1969**

Materials examined. Gargog (1y ♀).

***P. lama* Boesenberg et Strand, 1906**

Materials examined. Garasan (2y ♀ ♀, 1y ♀), Gairyungsan (6y ♀ ♀), Guchungaikok (2y ♀ ♀), Hakdong (1y ♀), Guyong (6y ♀ ♀).

Family Lycosidae Sundevall, 1833

Genus *Pardosa* C.L. Koch, 1848

***Pardosa astrigera* L. Koch, 1878**

Materials examined. Guchun (6y ♀ ♀, 4 ♀ ♀, 1 ♂), Gargog (1y ♀, 4 ♀ ♀), Garasan (4y ♀ ♀, 12 ♀ ♀, 5y ♂ ♂), Gairyungsan (12y ♀ ♀, 11 ♀ ♀, 1y ♂, 2 ♂), Guchungaikok (2y ♀ ♀, 2 ♀ ♀), Hakdong (1y ♀), Guyong (20y ♀ ♀, 1y ♀, 8 ♀ ♀, 2y ♂ ♂, 3 ♂ ♂), Sungpo, Chunggukri (1y ♀, 1 ♀).

Family Oxyopidae Thorell, 1869

Genus *Oxyopes* Latreille, 1804

***Oxyopes badius* Yaginuma, 1967**

Materials examined. Guyong (1y ♀).

***O. sertatus* L. Koch, 1878**

Materials examined. Guchun (1 ♀), Garasan (1 ♀), Guchungaikok (1 ♀), Guyong (1y ♀).

Family Clubioidae Wanger, 1888

Genus *Clubiona* Latreille, 1804

***C. coreana* Paik, 1990**

Materials examined. Hakdong (1 ♀).

***C. jucunda* (Karsch, 1879)**

Materials examined. Guyong (1 ♀).

Family Heteropodidae Thorell, 1873

***Heteropodida* sp.**

Materials examined. Guyong (2 ♀ ♀).

Family Gnaphosidae Pocock, 1898

Genus *Zelotes* Gistel, 1848

***Zelotes* sp.**

Materials examined. Guchun (1y ♀).

Family Thomisidae Sundevall, 1833

Genus *Diaea* Thorell, 1870

***Diaea subdola* O.P.-Cambridge, 1885**

Materials examined. Gairyungsan (1 ♀).

Genus *Misumenops* F.O.P.-Cambridge, 1900

***Misumenops tricuspoidatus* (Fabricius, 1775)**

Materials examined. Gairyungsan (19y ♀ ♀, 9 ♀ ♀), Guyong (11y ♀ ♀, 2 ♀ ♀), Jangmok (1y ♀), Sungpo, Chunggukri (2y ♀ ♀).

Genus *Oxyptila* L. Koch, 1878

***Oxyptila striatipes* L. Koch, 1878**

Materials examined. Gairyungsan (12y ♀ ♀).

Genus *Runcinia* Simon, 1875

***Runcinia albostrata* Boesenberg et Strand, 1906**

Materials examined. Gargog (1 ♀), Gairyungsan (1 ♀), Guyong (1 ♀).

Genus *Thomisus* Walckenaer, 1805

***Thomisus labefactus* Karsch, 1881**

Materials examined. Gargog (1 ♂), Gairyungsan (1 ♀, 1 ♂).

Genus *Tmarus* Simon, 1875

***Tmarus rimosus* Paik, 1973**

Materials examined. Gairyungsan (1 ♂), Guchungaikok (1 ♂).

Genus *Xysticus* C.L. Koch, 1835

***X. saganus* Boesenberg et Strand, 1906**

Materials examined. Gargog (1 ♂).

Family Philodromidae O.P.-Cambridge, 1871

Genus *Philodromus* Walckenaer, 1826

***Philodromus cespitum* (Walckenaer, 1802)**

Materials examined. Gairyungsan (1 ♀).

***P. subaureolus* Boesenberg et Strand, 1906**

Materials examined. Hakdong (1 ♀).

Family Salticidae Blackwall, 1841

Genus *Carrhotus* Thorell, 1891

***Carrhotus xanthogramma* (Latreille, 1819)**

Materials examined. Guyong (4 ♀ ♀).

Genus *Evarcha* Simon, 1902

***Evarcha albaria* (L. Koch, 1878)**

Materials examined. Gargog (3y ♀ ♀), Gairyungsan (15y ♀ ♀, 1 ♀, 2 ♂ ♂), Guchungaikok (1 ♀), Guyong (4y ♀ ♀, 1 ♂), angmok (1y ♀), Sungpo, Chunggukri (1y ♂).

***E. crassipes* (Karsch, 1881)**

Materials examined. Jangmok (1 ♂).

Genus *Heliophanus* C.L. Koch, 1833

***Heliophanus lineiventris* Simon, 1868**

Materials examined. Gairyungsan (24y ♀♀, 7 ♀♀), Guyong (3y ♀♀).

Genus *Marpissa* C.L. Koch, 1846

***M. elongata* (Karsch, 1879)**

Materials examined. Garasan (1y ♀), Gairyungsan (1 ♀, 10y ♀♀).

***M. pulchra* Proszynski, 1981**

Materials examined. Guyong (1 ♀, 1y ♂).

Genus *Menemerus* Simon, 1968

***Menemerus fulvus* (L. Koch, 1877)**

Materials examined. Gargog (4y ♀♀), Guyong (13y ♀♀, 1 ♀), Jangseongpo (42y ♀♀, 4 ♀♀, 6y ♂♂, 7 ♂♂), Sungpo, Chunggukri (34y ♀♀, 3y ♀♀, 3 ♀♀, 9y ♂♂, 10 ♂♂).

Genus *Phintella* Strand, 1906

***Phintella abnormis* (Boesenberg et Strand, 1906)**

Materials examined. Guyong (1y ♀).

***P. bifurcilinea* (Boesenberg et Strand, 1906)**

Materials examined. Guchungaikok (1 ♀), Guyong (4 ♀♀).

***P. melloteei* (Simon, 1888)**

Materials examined. Sungpo, Chunggukri (1 ♀).

Genus *Phlegra* Simon, 1876

***Phlegra festiva* (C.L. Koch, 1834)**

Materials examined. Gargog (2 ♀♀), Guyong (1y ♀).

Genus *Plexippus* C.L. Koch, 1846

***Plexippus setipus* Karsch, 1879**

Materials examined. Guyong (2 ♀).

Genus *Pseudicius* Simon, 1885

***Pseudicius himeshimensis* (Doenitz. et Strand, 1906)**

Materials examined. Gargog (22y ♀♀, 7 ♀♀, 2y ♂♂, 1 ♂), Guyong (50y ♀♀, 2 ♀♀, 6 ♂♂).

Genus *Rhene* Thorell, 1869

***Rhene atrata* (C.L. Koch, 1881)**

Materials examined. Gairyungsan (1 ♀).

Genus *Siler* Simon, 1988

***Siler cupreus* Simon, 1988**

Materials examined. Gargog (1y ♀).

Genus *Sitticus* Simon, 1901

***Sitticus avocator* (O.P.-Cambridge, 1885)**

Materials examined. Gairyungsan (1 ♀), Sungpo, Chunggukri (1 ♀).

Genus *Synagelides* Strand, 1906

***Synagelides agoriformis* Strand, 1906**

Materials examined. Hakdong (2 ♀ ♀).

REFERENCES

- Kim, J.P., 1995. The spider fauna of Chindo Island, Korea. Korean Arachnol., **11**(1): 73-82.
- Kim, J.P., 1996. The spider fauna of Paiklyung-do Isl., Korea, Korean Arachnol., **12**(1): 119-128
- Kim, J.P., 1997. The spider fauna of Kogum-do Island, Korea, Kor. J. Syst. Zool., **13**(3): 199-210.
- Kim J.P. and S.M. Lee, 1985. The spider fauna of Cheju-do Island, Korea, Korean Arachnol., **1**(2): 75-108.
- Namkung, J., 1985. Addition to spider fauna of Isl. Ulreng-do(Dagelet), Korea. Korean Arachnol., **1**(2): 57-62, figs. 1-5.
- Namkung, J., N.K. Paik, and M.S. Im, 1985. The spider fauna of Deogjeog Archipelago, Daebudo Is. and Yeongjeongdo Is., Korea. Korean Arachnol., **1**(1): 29-41.
- Paik, K.Y., 1970. Spiders from Geojae-do Isl., Kyungnam, Korea. Thesis Coll. of Graduate School of Education Kyungpuk Univ., **1**: 83-93.
- Paik, K.Y., 1995. Spiders from the Island Ulleung-do, Korea II. With description of one new species and one unrecorded species from Korea. Korean Arachnol., **11**(1): 43-54.
- Paik, K.Y. and J.M. Kang, 1988. Spiders from Island Ulleungdo, Korea. Korean Arachnol., **4**(1): 47-70.

RECEIVED: 30 June 1998

ACCEPTED: 18 September 1998

거제도의 거미상

김 주 필

(동국대학교 응용생물학과, 한국거미연구소)

요 약

1997년 8월에 거제도의 거미상을 조사하였다. 그 결과 20과 56속 92종을 채집하였으며 꼬마거미과, 왕거미과 그리고 늑대거미과 등이 우점종이고 일반적으로 일본산과 공통적인 종이 82종 (90.1%), 중국산과 공통적인 종이 75종 (82.4%)으로 조사되었다. 또한 거제도와 덕적군도, 제주도, 울릉도, 진도, 백령도, 고금도의 거미상과 비교하여 그 유사성을 조사하였다.